Turn up your viewing experience

with Pixel Plus

Experience the superior picture quality of this excellent Flat TV with the latest PDP technology and Pixel Plus. It's packed into a stunning design that will complement your interior.

Breathtaking natural pictures
- High Definition Plasma WXGA display, 1366 x 768p
- HD ready for the highest quality display of HDTV signals
- Pixel Plus for better detail, depth and clarity
- Progressive Scan for razor sharp and flicker free images
- Active Control with Light Sensor optimises picture quality

Superb sound reproduction
- Virtual Dolby Surround for a cinema-like audio experience

Slim, stylish design to complement your interior
- Matching stand with elegant design included

One touch convenience
- Smart Picture and Smart Sound to personalise your viewing.

Leading interface for digital quality audio/video
- DVI-I provides the best picture and flexible connectivity

FIFA WORLD CUP GERMANY 2006 OFFICIAL PRODUCT

PHILIPS

Technical specifications

Picture / Display

- Aspect ratio: 16:9
- Brightness: 1500 cd/m²
- Diagonal screen size: 50 inch / 127 cm
- Display screen type: WXGA Plasma panel
- Picture enhancement: Pixel Plus, Progressive scan, Active Control & Light sensor, 3/2 - 2/2 motion pull down, 3D combfilter, Contrast plus, Digital noise reduction, Dynamic contrast, Jagged line suppression
- Screen enhancement: Anti reflection coated screen
- Panel resolution: 1366 x 768p
- Response time (typical): 0 ms
- Viewing angle: 160° (H) / 160° (V)
- Dimming Backlight Contrast:
- Contrast ratio (typical): 10000:1

Supported Display Resolution

Resolution	Refresh rate
• Computer formats	
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60, 70, 75Hz
1280 x 1024	60Hz
• Video formats	
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound

- Sound system: Virtual dolby surround
- Output power (RMS): 2 x 15W
- Sound enhancement: Dynamic bass enhancement
- Equaliser: 5-bands

Loudspeakers

- Built-in speakers: 2

Convenience

- Ease of installation: Auto store, Plug & Play, Auto programme naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Fine tuning, Program name, Sorting
- Ease of Use: Side Control, Auto volume leveller (AVL), Program list, Smart picture control, Smart sound control
- Remote control type: RCFE05SPS00
- Teletext: 100 page Smart Text
- Picture in Picture: Picture in graphics, Twin page text
- Remote control: Amp, DVD, Multi functional, TV
- Screen format adjustments: Auto format, Subtitle and heading shift, 4:3, Subtitle Zoom, Super Zoom, Widescreen, Zoom 14:9, Zoom 16:9
- Clock: Sleep timer

Tuner / Reception / Transmission

- Tuner bands: Hyper band, S channel, UHF, VHF
- TV system: PAL, SECAM
- Video playback: NTSC, PAL, SECAM
- Aerial input: 75 Ohm coaxial (IEC75)
- Tuner display: PLL
- Number of preset channels: 100

Connectivity

- AV 3: DVI with HDCP, Audio-in mini jack 3.5mm
- Front / Side connections: Audio left / right in, CVBS in, Headphone out, S video in
- Ext 1 Scart: Audio L/R, CVBS in / out, RGB
- Ext 2 Scart: Audio L/R, CVBS in / out, S video in

Power

- Power consumption: 450 W
- Standby power consumption: < 2 W
- Mains power: AC 90 - 276V +/- 10%
- Ambient temperature: +5 /+ 40°C

Dimensions

- Product weight: 50 kg
- Weight incl. packaging: 64 kg
- Set dimensions (W x H x D): 1415 x 780 x 104 mm
- Colour cabinet: Bi-colour High Gloss Black and Silver Frost
- VESA wall mount compatible: 800,400 mm
- Stand dimensions (W x H x D): 820 x 40 x 280 mm

Accessories

- Included accessories: Table top stand, VGA to YPbPr-Cinch cable, DVI-VGA adapter, Power cord, Quick start guide, Registration card, Remote control, RF cable, User manual, Warranty certificate
- Optional accessories: Floor stand

Product highlights

Plasma WXGA panel, 1366 x 768p
This state-of-the-art plasma screen technology gives you widescreen HD resolution of up to 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready
Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HDVD. HD ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus
Uses the power of the Pixel Plus processor to increase the number of lines and the number of pixels. The result is razor sharp pictures with incredible detail and depth, every time from any source.

Progressive scan
Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending with the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, the human eye perceives a sharper picture with no line structure.

Active Control + Light Sensor
Active Control is a unique and intelligent way of optimising picture quality by measuring and analysing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.

Virtual dolby surround
Incredible Surround™ is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround™ mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround™ allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

By packed tabletop stand
A table-top stand with matching design is packed with the set.

Smart Picture & Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimised picture and sound settings for the various picture modes such as Eco, Natural, Rich, Multimedia and Personal, and sound modes such as Movie, Voice, Music and Personal. Do refer to the DFU for the various picture and sound smart modes.

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